



SEQUENCE LISTING

<110> PAP DESPRES, PHILLIPE
CATTEAU, ADELINE

<120> ATTENUATED FLAVIVIRUS STRAINS CONTAINING A MUTATED M-ECTODOMAN
AND THEIR APPLICATIONS

<130> 239783US0

<140> 10/608,029

<141> 2003-06-30

<160> 36

<170> PatentIn version 3.2

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<223> Xaa is K, R, or H

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Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa
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Ser Val Ala Leu Val Pro His Val Gly Met Gly Leu Glu Thr Arg Thr
1 5 10 15

Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys His Gln Arg Ile Glu
20 25 30

Thr Trp Ile Leu Arg His Pro
35

<210> 24
<211> 40
<212> PRT
<213> Dengue virus

<400> 24

Ala Ile Asp Leu Pro Thr His Glu Asn His Gly Leu Lys Thr Arg Gln
1 5 10 15

Glu Lys Trp Met Thr Gly Arg Met Gly Glu Arg Gln Leu Gln Lys Ile
20 25 30

Glu Arg Trp Phe Val Arg Asn Pro
35 40

<210> 25
<211> 40
<212> PRT
<213> Dengue virus

<400> 25

Ala Ile Asp Leu Pro Thr His Glu Asn His Gly Leu Lys Thr Arg Gln
1 5 10 15

Glu Lys Trp Met Thr Gly Arg Met Gly Glu Arg Gln Leu Gln Lys Ile
20 25 30

Glu Thr Trp Ile Leu Arg His Pro
35 40

<210> 26
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43

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61

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 Ser Val Ala Leu Val Pro His Val Gly Met Gly Leu Glu Thr Arg Thr
 1 5 10 15

Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys His Gln Arg Ile Glu
 20 25 30

Thr Trp Phe Leu Arg His Pro
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Thr Ala Leu Ala Arg Asp Pro Pro Val Ala Thr Met
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 cctggggcccggt gatccaccgg tcgcccaccat g 91

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Leu Ala Met Glu Glu Leu Tyr Asn
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Leu Ala Met Glu Glu Leu Tyr Arg Ser Val Ala Leu Val Pro His Val
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Gly Met Gly Leu Glu Thr Arg Thr Glu Thr Trp Met Ser Ser Glu Gly
20 25 30

Ala Trp Lys His Val Gln Arg Ile Glu Thr Trp Phe Leu Arg His Pro
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gccgcgcactc

70